AAW International Pty Ltd

AAW International Pty Ltd is a security wholesale centre and leading security & Telecommunication solution provider based in Melbourne, Australia, and 100% owned by Australian.

"AAW" means:
Australian owned
Asian made
World Class

We are a member of ASIAL(Membership Number: 00051588) and Australia government registered supplier (RCM ID: ERAC000459)

Our manufacturer has passed certifications of ISO-9001 quality system and ISO-1400 environmental system, and its products have passed certifications of FCC/CE, ROSH, CCC and others.

Our manufacturer owns 2 R&D centres in different overseas cities. After years of technology accumulation in video image processing field, it has successfully developed a number of digital surveillance product series and formed a number of digital core products such as audio and video compression cards, embedded DVRs, network video servers, analog cameras and IP cameras; The product line covers a full range of video surveillance system. It has become one of the key domestic suppliers of video compression cards and embedded digital video recorders, and the products have been supplied to many industries.

Introduction

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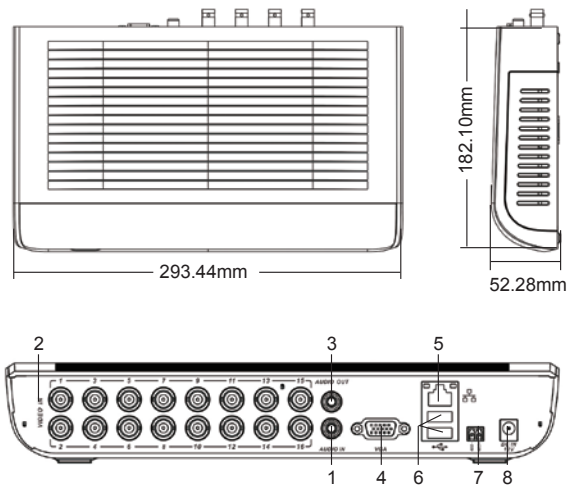
AAW7000X3-LA
Entry Level 960H DVR

Features:

- *Support Full 960H, 4/8/16channel same designed,unique HDD installation method*
- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings, support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support controls R/W and analyze disk error information*
- *Support 3G, DHCP,DDNS or PPPOE and auto redial*
- *Support UPNP, FTP, NTP,DST*
- *Support preview/playback/download remotely by CMS,Webpage (Chrome, IE,firefox, etc,Safari.) or mobile apps etc.) or mobile apps*

Rear Panel:



1.Audio In 2.Video In 3.Audio Out
4.VGA 5.Network Interface 6.USB
7.RS485 8.DC IN

Product Parameters:

Model		AAW7004X3-LA	AAW7008X3-LA	AAW7016X3-LA
Housing		1U		
Operation System		Embedded LINUX		
Video	Compression	H.264		
	Input	4*BNC	8*BNC	16*BNC
	Ouput	VGA		
	Dual stream	✓		
Audio	Compression	G.771A		
	Input	1*RCA		
	Ouput	1*RCA		
Recoding	Resolution	2ch 960H+2ch CIF OR 960H @62.5fps[P] /75fps[N]; OR D1:77FPS	2ch 960H+6ch CIF OR 960H @87.5fps[P] /105fps[N]; OR D1:102FPS	2ch 960H+14ch CIF OR 960H @125fps[P] /150fps[N]
	Recoding mode	Manual, Schedule, Motion, Alarm		
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec		
Playback	channel	4ch	8ch	16ch
	Search Mode	Time, Date, Record Mode, Smart search		
	Privacy Masking	4 zones Maximum		
Network	Web	IE, Chrome, Firefox, Safari		
	CMS	Free and professional , support max 50 pcs DVR management		
	Mobile	support (IPhone, Andorid, Ipad)		
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail /support snapshot		
Backup		USB; Remote		
Storage		1HDD(Max 4TB)		
External Interface	Network Interface	1 RJ-45 10/100M adaptive Ethernet Interface		
	USB Interface	2		
	PTZ	×		1 RS 485
General	Power supply	DC 12V		
	Power Consumption	24W		
	Working Environment	-10°C~+55°C		

AAW7100X3-LC
Entry level 960H/D1 DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings,Support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Supportmotion/schedule/manual/abnormal(including disk error, video loss,video mask,motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,3G or PPPOE and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS,Webpage (Chrome,IE,firefox,etc,Safari.) or mobile apps*

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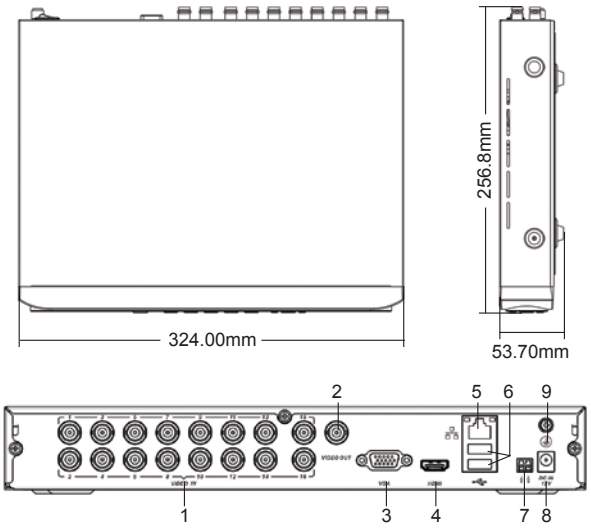

1.Video In 2.Video Out 3.VGA
4.HDMI 5.Network interface 6.USB Interface
7.RS485 8.DC IN 12V 9.GND

Product Parameters:

Model		7104X3-LC	7108X3-LC	7116X3-LC
Housing		mini 1U		1U
Operation System		Embedded LINUX		
Video	Compression	H.264		
	Input	4*BNC	8*BNC	16*BNC
	Ouput	HDMI+VGA +CVBS	HDMI+VGA +CVBS	HDMI+VGA +CVBS
	Dual stream	✓	✓	✓
Recoding	Resolution	960H Real time	D1 Real time	D1 Real time
	Recoding mode	Manual, Schedule, Motion, Alarm		
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec		
Playback	channel	4ch	4ch	4ch
	Search Mode	Time,Date,Record Mode, Smart search		
	Privacy Masking	4 zones Maximum		
Network	Web	IE, Chrome, Firefox, Safari		
	CMS	Free and professional , support max 50 pcs DVR management		
	Mobile	Iphone, Ipad, Android		
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / Support snapshot		
Backup		USB/ Network		
Storage		1HDD(Max 4TB for each)		
External Interface	USB Interface	2		
	Network Interface	1 RJ-45 10/100M adaptive Ethernet Interface		
	PTZ	×		
General	Power supply	DC 12V		
	Power Consumption	24W		
	Working temperature	-10°C~+55°C		

AAW7100X3-LH
Entry Level 960H/D1 DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings,Support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video*
- *Support mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support DHCP,DDNS,3G or PPPOE and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS, Webpage(Chrome, IE,firefox,etc,Safari.) or mobile apps*

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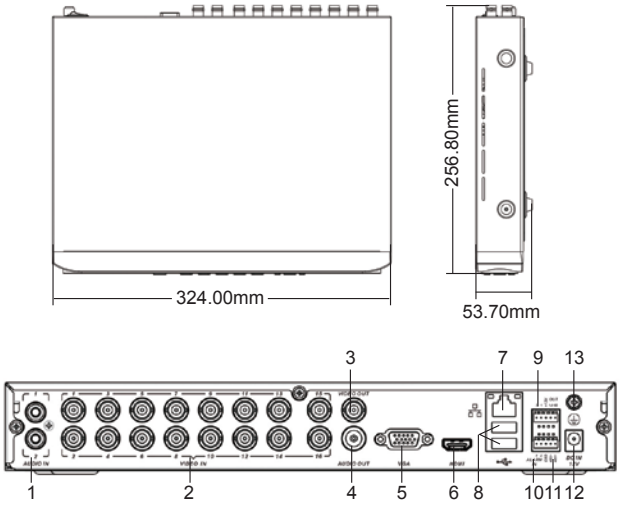


1.Audio In	2.Video In	3.Video Out
4.Audio Out	5.VGA	6.HDMI
7.Network Interface	8.USB	9.Alarm Out
10.Alarm In	11.RS485	12.DC IN 12V
13.GND		

Product Parameters:

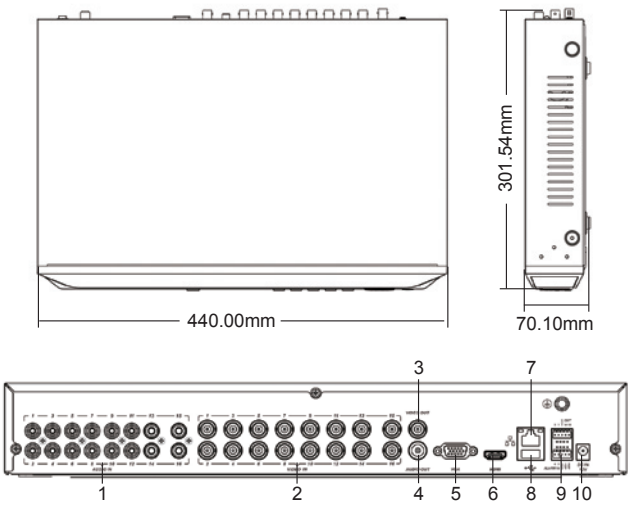
Model		7104X3-LH	7108X3-LH	7116X3-LH
Housing		mini 1U		1U
Operation System		Embedded LINUX		
Video	Compression	H.264		
	Input	4*BNC	8*BNC	16*BNC
	Ouput	HDMI+VGA +CVBS	HDMI+VGA +CVBS	HDMI+VGA +CVBS
Audio	Compression	G.771A		
	Input	2*RCA	2*RCA	2*RCA
	Ouput	1*RCA	1*RCA	1*RCA
	Bidirectional Talk	3.5mm MIC Input Interface		
Alarm	Input	4ch	4ch	4ch
	Output	1ch	1ch	1ch
Recoding	Resolution	4*960H , PAL 100FPS / NTSC 120FPS	8*D1, PAL 200FPS / NTSC 240FPS	16*D1, PAL 400 FPS / NTSC 480FPS
	Recoding mode	Manual, Schedule, Motion, Alarm		
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec		
Playback	channel	4ch	4ch	4ch
	Search Mode	Time,Date,Record Mode		
	Privacy Masking	4 zones Maximum		
Network	Web	IE, Chrome, Firefox, Safari		
	CMS	Free and professional , support max 50 pcs DVR management		
	Mobile	Iphone, Ipad, Android		
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / Support snapshot		
Backup		USB/ Network		
Storage		1HDD(Max 4TB for each)		
External Interface	Network Interface	1 RJ-45 10/100M adaptive Ethernet Interface		
	IR extension	✓		
	USB Interface	2		
	PTZ	1 RS 485		
General	Power supply	DC 12V		
	Power Consumption	24W		
	Working temperature	-10°C~+55°C		

AAW7000X3
Entry Level CIF DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings,Support 4 special interested area Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously;*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support HDD group management, controls R/W and analyze disk error information*
- *SupportDHCP,DDNS,3G or PPPOE and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS, Webpage(Chrome,IE,firefox,etc.) or mobile apps*

Rear Panel:



1.Audio In 2.Video In 3.Video Out
4.Audio Out 5.VGA 6.HDMI
7.Network Interface 8.USB 9.Alarm In &RS485
10.DC IN 12V

Product Parameters:

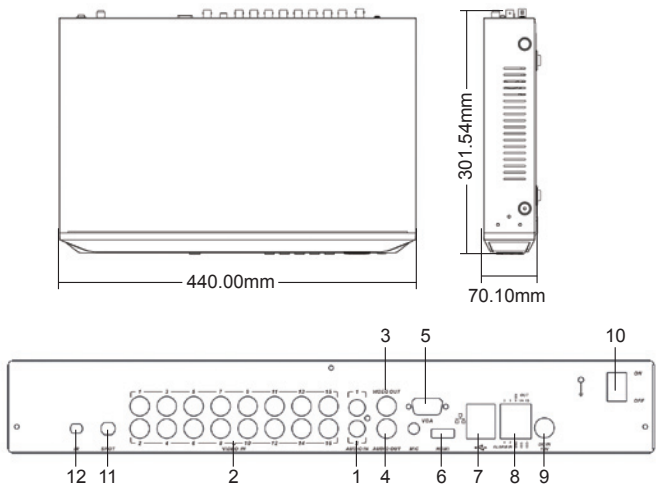
Model		7016X3-LC	7016X3-LE	7016X3-LH	7032XE
Housing		1U		1.5U	
Operation System		Embedded LINUX			
Video	Compression	H.264			
	Input	16*BNC	16*BNC	16*BNC	32*BNC
	Ouput	HDMI+VGA +CVBS	HDMI+VGA +CVBS	HDMI+VGA +CVBS	HDMI+VGA +CVBS
	Dual stream	✓			
Audio	Compression	G.771A			
	Input	×	2*RCA	16ch	4*RCA
	Ouput	×	1*RCA	1*RCA	1*RCA
	Bidirectional Talk	×	✓	✓	✓
Alarm	Input	×	4ch	4ch	4ch
	Output	×	1ch	1ch	1ch
Recoding	Resolution	16ch CIF Real time		4ch D1+12ch CIF Real time	32CIF Real time
	Recoding mode	Manual, Schedule, Motion, Alarm			
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec			
Playback	channel	16*CIF			4*CIF
	Search Mode	Time,Date,Record Mode			
	Privacy Masking	4 zones Maximum			
Network	Web	IE, Chrome, Firefox, Safari			
	CMS	Free and professional , support max 50 pcs DVR management			
	Mobile	Iphone, Ipad, Android			
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / Support snapshot			
Backup		USB/ Network			
Storage		1HDD(Max 4TB for each)		2HDD(MAX 4TB for each)	2HDD (Max 2TB each)
External Interface	USB Interface	2			
	Network Interface	1 RJ-45 10/100M adaptive Ethernet Interface			
	PTZ	×	1 RS 485		
General	Power supply	DC 12V			
	Power Consumption	24W			
	Working temperature	-10°C~+55°C			

AAW7200X3
Middel Level 960H DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings,Support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,3G or PPPOE,WIFI and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS, Webpage(Chrome, IE,firefox,etc.) or mobile apps*

Rear Panel:



1.Audio In 2.Video In 3.Video Out
4.Audio Out 5.VGA 6.HDMI
7.Network Interface 8.Alarm In &RS485 9.DC IN12V
10.Switch 11.Spot 12.IR

Product Parameters:

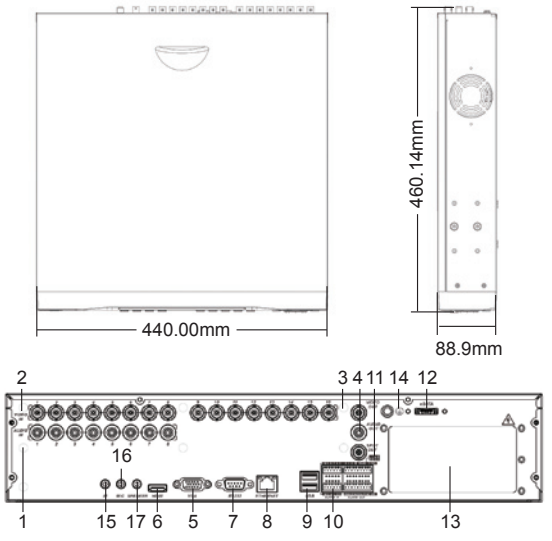
Model		7204X3	7208X3	7216X3
Housing		1.5U		
Operation System		Embedded LINUX		
Video	Compression	H.264		
	Input	4*BNC	8*BNC	16*BNC
	Ouput	HDMI+VGA +CVBS	HDMI+VGA +CVBS	HDMI+VGA +CVBS
Audio	Compression	G.771A		
	Input	2*RCA	2*RCA	2*RCA
	Ouput	1*RCA	1*RCA	1*RCA
	Bidirectional Talk	3.5mm MIC Input Interface		
Alarm	Input	4ch	4ch	4ch
	Output	1ch	1ch	1ch
Recoding	Resolution	4ch 960H Real time	8ch 960H Real time	16ch 960H Real time
	Recoding mode	Manual, Schedule, Motion, Alarm		
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec		
Playback	channel	4ch	8ch	16ch
	Search Mode	Time,Date,Record Mode		
	Privacy Masking	4 zones Maximum		
Network	Web	IE, Chrome, Firefox, Safari		
	CMS	Free and professional , support max 50 pcs DVR management		
	Mobile	Iphone, Ipad, Android		
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / Support snapshot		
Backup		USB/ Network		
Storage		2HDD(Max 4TB for each)		
External Interface	USB Interface	2		
	Network Interface	1 RJ-45 10/100M adaptive Ethernet Interface	1 RJ-45 10/100M/1000M adaptive Ethernet Interface	
	IR extension	×	✓	
	eSTAT	×		
	PTZ	1 RS 485		
General	Power supply	DC 12V		
	Power Consumption	40W		
	Working temperature	-10°C~+55°C		

AAW8200X3
Professional Level 960H DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings,Support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,3G or PPPOE,WIFI and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS, Webpage(Chrome, IE,firefox,etc,Safari.) or mobile apps*

Rear Panel:



1.Audio In	2.Video In	3.Video Out	4.Audio Out
5.VGA	6.HDMI	7.RS232	8.Ethernet
9.USB	10.Alarm In &RS485	11.Spot Out	12.eSATA
13.Power In	14.GND	15.IR	16.Mic
17.Speaker			

Product Parameters:

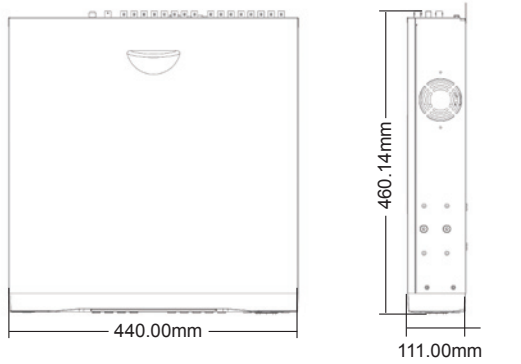
Model		AAW8208X3	AAW8216X3
Housing		2U	
Operation System		Embedded LINUX	
Video	Compression	H.264	
	Input	8*BNC	16*BNC
	Ouput	HDMI+VGA+ CVBS+SPOT	HDMI+VGA+ CVBS+SPOT
	Dual stream	✓	
Audio	Compression	G.771A	
	Input	4CH	8CH
	Ouput	1CH BNC	
	Bidirectional Talk	3.5mm MIC Input Interface	
Alarm	Input	8ch	16ch
	Output	4ch	
Recoding	Resolution	8ch 960H Real time	16ch 960H Realtime
	Recoding mode	Manual, Schedule, Motion, Alarm	
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec	
Playback	channel	8ch	16ch
	Search Mode	Time,Date,Record Mode	
	Privacy Masking	4 zones Maximum	
Network	Web	IE, Chrome, Firefox, Safari	
	CMS	Free and professional , support max 50 pcs DVR management	
	Mobile	Iphone, Ipad, Android	
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / Support snapshot	
Backup		USB/ CD&DVD-RW / eSATA/ Network	
Storage		8HDD(Max 4TB for each)	
External Interface	USB Interface	2	
	Network Interface	1 RJ-45 10/100M/1000M adaptive Ethernet Interface	
	IR extension	✓	
	eSTAT	2	
	PTZ	1 RS-485, 1 RS232	
General	Power supply	AC 220/ 110V	
	Working temperature	-10°C~+55°C	

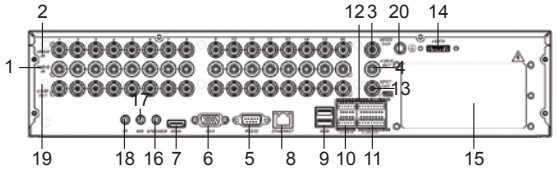
AAW8600X3
Professional 960H DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support Mask area settings,Support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,3G or PPPOE,WIFI and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS, Webpage(Chrome, IE,firefox,etc,Safari.) or mobile apps*

Rear Panel:





1.Audio In	2.Video In	3.Video Out	4.Audio Out
5.RS232	6.VGA	7.HDM	8.Ethernet
9.USB	10.Alarm In	11.Alarm Out	12.RS485
13.Spot Out	14.eSATA	15.PowerIn	16.Speaker
17.Mic	18.IR Extension	19.Loop Out	20.GND

Product Parameters:

Model		AAW8604X3	AAW8608X3	AAW8616X3
Housing		2U		
Operation System		Embedded LINUX		
Video	Compression	H.264		
	Input	4ch BNC	8ch BNC	16ch BNC
	Ouput	1 BNC, 1 VGA,1 HDMI,1 SPOT, 4/8/16 Loop		
	Dual stream	✓		
Audio	Compression	G.771A		
	Input	4ch BNC	8ch BNC	16ch BNC
	Ouput	1CH BNC		
	Bidirectional Talk	3.5mm MIC Input Interface		
Alarm	Input	4ch	8ch	16ch
	Output	4ch		
Recoding	Resolution	4ch 960H Real time	8ch 960H Real time	16ch 960H Real time
	Recoding mode	Manual, Schedule, Motion, Alarm		
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec		
Playback	channel	4ch	8ch	16ch
	Search Mode	Time, Date, Record Mode, Smart search		
	Privacy Masking	4 zones Maximum		
Network	Web	IE, Chrome, Firefox, Safari		
	CMS	Free and professional , support max 50 pcs DVR management		
	Mobile	support (IPhone, Andorid, Ipad)		
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail /support snapshot		
Backup		USB/CD&DVD-RW/eSATA/Network		
HDD		8 HDD(Max 4TB for each) 2 eSATA(Front 1,Back 1)		
External Interface	Network Interface	1 RJ-45 10/100M/1000M adaptive Ethernet Interface		
	IR extension	✓		
	USB Interface	4(Front 2 & Back 2)		
	PTZ	1 RS-485, 1 RS232		
General	Power supply	AC 220/110V		
	Power Consumption (Full Load HDD)	59W	66W	71W
	Working Environment	-10°C~+55°C		

AAW8800X3
Professional 960H DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings,Support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,3G or PPPOE,WIFI and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS, Webpage(Chrome, IE,firefox,etc,Safari.) or mobile apps*

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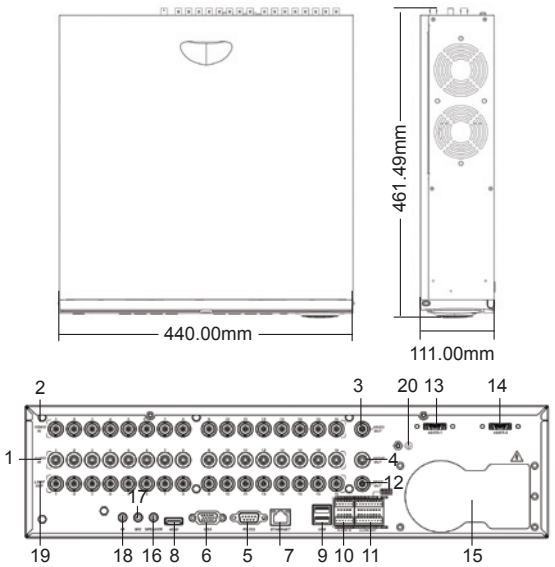


1.Audio In	2.Video In	3.Video Out	4.Audio Out
5.RS232	6.VGA	7.Ethernet	8.HDMI
9.USB	10.Alarm In	11.Alarm Out&RS485	12.Spot Out
13.eSATA1	14.eSATA2	15.Power In	16.Speaker
17.Mic	18.IR Extension	19.Loop Out	20.GND

Product Parameters:

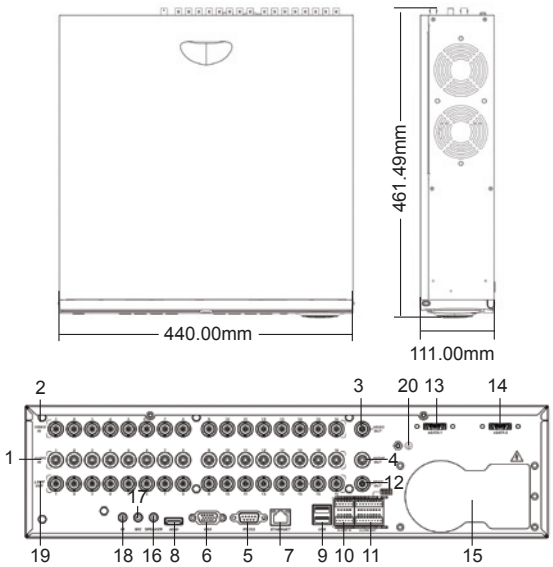
Model		AAW8808X3	AAW8816X3
Housing		2.5U	
Operation System		Embedded LINUX	
Video	Compression	H.264	
	Input	8ch BNC(1 Vp-p,75Ω)	16ch BNC (1 Vp-p,75Ω)
	Ouput	1 BNC, 1 VGA,1 HDMI,1 SPOT,8/16 Loop	
	Dual stream	✓	
Audio	Compression	G.771A	
	Input	8ch BNC	16ch BNC
	Ouput	1CH BNC	
	Bidirectional Talk	3.5mm MIC Input Interface	
Alarm	Input	8ch	16ch
	Output	4ch	
Recoding	Resolution	8ch 960H Real time	16ch 960H Realtime
	Recoding mode	Manual, Schedule, Motion, Alarm	
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec	
Playback	channel	8ch	16ch
	Search Mode	Time, Date, Record Mode, Smart Search,Quick Playback	
	Privacy Masking	4 Zones Maximum, On DVR and PC	
Network	Web	IE, Chrome, Firefox, Safari	
	CMS	Free and professional , support max 50 pcs DVR management	
	Mobile	Support (IPhone, Andorid, Ipad)	
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / Support snapshot	
Backup		USB/ CD&DVD-RW / eSATA / Network	
HDD		12 HDD(Max 4TB for each),3 eSATA(Front 1,Back 2)	
External Interface	Network Interface	1 RJ-45 10/100M/1000M adaptive Ethernet Interface	
	IR extension	✓	
	USB Interface	4 Interfaces(Front 2 & Back 2)	
	PTZ	1 RS-485, 1 RS232	
General	Power supply	AC 220/ 110V	
	Power Consumption (Full Load HDD)	68W	73W
	Working Environment	-10°C~+55°C	

AAW8800X3-E
Professional 960H DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support Digital Zoom on preview and playback*
- *Support 4 mask area settings,Support 4 special interested area*
- *Support Full screen/preview/section video mask*
- *Support motion/schedule/manual/abnormal(including disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,3G or PPPOE,WIFI and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *Support preview/playback/download remotely by CMS, Webpage(Chrome, IE,firefox,etc,Safari.) or mobile apps*

Rear Panel:



1.Audio In	2.Video In	3.Video Out	4.Audio Out
5.RS232	6.VGA	7.Ethernet	8.HDMI
9.USB	10.Alarm In	11.Alarm Out&RS485	12.Spot Out
13.eSATA1	14.eSATA2	15.Power In	16.Speaker
17.Mic	18.IR	19.Loop Out	20.GND

Product Parameters

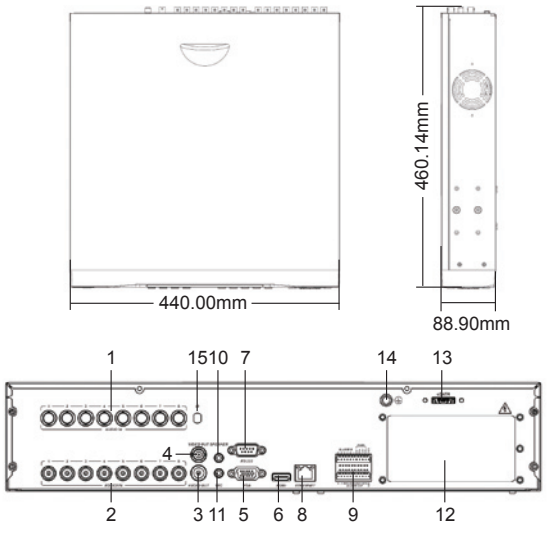
Model		AAW8808X3-E	AAW8816X3-E
Housing		2.5U	
Operation System		Embedded LINUX	
Video	Compression	H.264	
	Input	8ch BNC(1 Vp-p,75Ω)	16ch BNC (1 Vp-p,75Ω)
	Ouput	1 BNC, 1 VGA,1 HDMI,1 SPOT,8/16 Loop	
	Dual stream	✓	
Audio	Compression	G.771A	
	Input	8ch BNC	16ch BNC
	Ouput	1CH BNC	
	Bidirectional Talk	3.5mm MIC Input Interface	
Alarm	Input	8ch	16ch
	Output	4ch	
Recoding	Resolution	8ch 960H Real time	16ch 960H Realtime
	Recoding mode	Manual, Schedule, Motion, Alarm	
	Recoding Interval	Pre-record: 5-30 sec, Post-record: 0-180 sec	
Playback	channel	8ch	16ch
	Search Mode	Time, Date, Record Mode, Smart Search,Quick Playback	
	Privacy Masking	4 Zones Maximum, On DVR and PC	
Network	Web	IE, Chrome, Firefox, Safari	
	CMS	Free and professional , support max 50 pcs DVR management	
	Mobile	Support (IPhone, Andorid, Ipad)	
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / Support snapshot	
Backup		USB/ CD&DVD-RW / eSATA / Network	
HDD		12 HDD(Max 4TB for each), 3 eSATA(Front 1,Back 2),RAID5	
External Interface	Network Interface	1 RJ-45 10/100M/1000M adaptive Ethernet Interface	
	IR extension	✓	
	USB Interface	4 Interfaces(Front 2 & Back 2)	
	PTZ	1 RS-485, 1 RS232	
General	Power supply	AC 220/ 110V	
	Power Consumption (Full Load HDD)	68W	73W
	Working Environment	-10°C~+55°C	

AAW9400X3
Professional HD-SDI DVR

Features:

- *Support full channel record with parameter adjustable and instant playback*
- *Support PTZ,serial keyboard and remote control*
- *support 4 mask area settings, support 4 special interested area*
- *support Full screen/preview/section video mask*
- *support motion/schedule/manual/abnormal(including (Disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously;*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support external USB/DVD/eSATA burner*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,Wifi,3G or PPPOE and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *support preview/playback/download remotely by CMS, Webpage (Chrome, IE,firefox,etc,Safari.) or mobile apps (Iphone and Android)*

Rear Panel:



1.Audio In	2.HD-SDI In	3. Audio Out	4.Video Out
5.VGA	6.HDMI	7.RS232	8.Ethernet
9.Alarm In &RS485	10.Speaker	11.Mic	12.Power In
13.eSATA	14.GND	15.IR Extension	

Product Parameters:

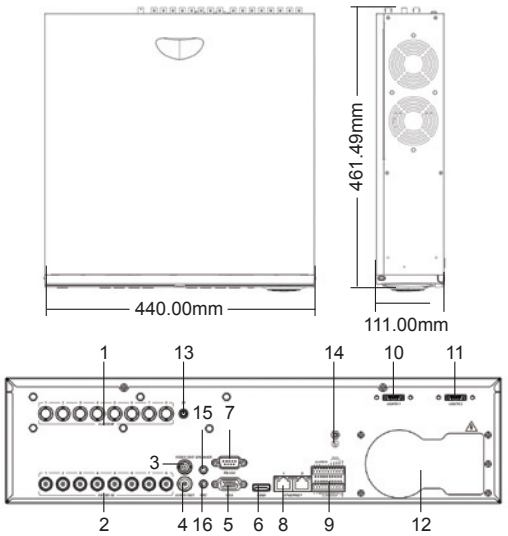
Model		AAW9404X3	AAW9408X3	AAW9016X3
Housing		2U		
Video	Compression	H.264		
	Input	4CH HD-SDI	8CH HD-SDI	4CH HD-SDI + 12CH 960H
	Ouput	HDMI+VGA+CVBS(BNC)		
	Dual stream	Support		
Audio	Compression	G.771A		
	Input	4CH	8CH	16CH
	Ouput	1CH composite BNC		
Alarm	Input	4CH	8CH	16CH
	Output	4ch		
Preview	Display	1/4CH	1/4/8CH	1/4/9/16CH
	Sequence	✓		
	Privacy Masking	4 zones Maximum		
Recoding	Resolution	4ch*1080P30 /720P	8ch*1080P30 /720P	4ch*1080P +12ch*960P
	Recoding mode	Manual, Schedule, Motion, Alarm		
	Pre and post record	Pre-record: 10sec. Post-record: 30 sec.		
Playback	channel	4CH	8ch	4CH 1080P or 12ch 960H realtime
	Search Mode	Time, Event, File Management, Image(snapshot)		
	Privacy Masking	4 zones Maximum		
Network	Web	IE (windows XP/WIN7/WIN8) ,Safari(Mac OS), chrome, Firefox		
	CMS	✓		
	Mobile	IPhone, Andorid, Ipad		
	Email	Support pre-test , snapshot attached, Support Gmail, hotmail ,Yahoo		
Backup		Flash drive/ USB CD&DVD-RW /Network download		
HDD		8HDD (max 4TB each)		
IR extension		✓		
External Interface	Network Interface	RJ-45 port (10/100M/1000M)		
	USB Interface	2 ports(Mouse control & Backup)		
	Serial Interface	Support RS232 and RS485		
General	Power supply	220±30% V,50±3% Hz / 110±20% V,60±3% Hz		
	Power Consumption	78W (Without HDD)	81W (Without HDD)	90W (Without HDD)
	Working temperature	-10°C~+55°C		

AAW9600X3
Professional HD-SDI DVR

Features:

- *Support SPOT/HDMI/ VGA/ CVBS output simultaneously*
- *Support full channel record with parameter adjustable and instant playback*
- *Support PTZ,serial keyboard and remote control*
- *support 4 mask area settings, support 4 special interested area*
- *support Full screen/preview/section video mask*
- *support motion/schedule/manual/abnormal(including (Disk error, video loss,video mask, motion detect, sensor detect etc.) alarm*
- *Support buzz and email sending while alarming*
- *Support motion detect and alarm linkage to multiple channels record simultaneously;*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support external USB/DVD/eSATA burner*
- *Support HDD group management, controls R/W and analyze disk error information*
- *Support DHCP,DDNS,Wifi,3G or PPPOE and auto redial*
- *Support NTP,DST*
- *Support UPNP,FTP*
- *support preview/playback/download remotely by CMS, Webpage (Chrome, IE,firefox,etc,Safari.) or mobile apps (Iphone and Android)*

Rear Panel:



1.Audio In	2.HD-SDI In	3.Video Out	4.Audio Out
5.VGA	6.HDMI	7.RS232	8.Ethernet
9.Alarm In &RS485	10.eSATA1	11.eSATA2	12.Power In
13.IR Extension	14.GND	15.Speaker	16.Mic

Product Parameters:

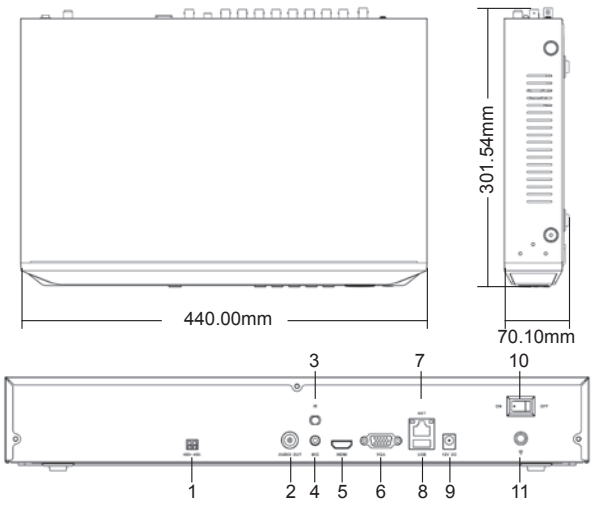
Model		AAW9604X3	AAW9608X3	AAW9216X3
Housing		2.5U		
Video	Compression	H.264		
	Input	4 ch BNC (1.0 Vp-p,75Ω)	8 ch BNC (1.0 Vp-p,75Ω)	16 ch BNC (1.0 Vp-p,75Ω)
	Ouput	1 HDMI, 1 VGA, 1 BNC (1.0 Vp-p,75Ω)		1 HDMI, 1 VGA, 1 BNC, 1 SPOT
	Dual stream	Support		
Audio	Compression	G.771A		
	Input	4 ch	8 ch	16 ch
	Ouput	1CH		
Alarm	Input	4CH	8CH	16CH
	Output	4ch		
Preview	Sequence	✓		
	Privacy Masking	4 zones Maximum		
Recoding	Resolution	4ch*1080P30 /720P60	8ch*1080P30 /720P60	4ch*1080P30 /720P60 + 12ch*960H
	Recoding Quality	CBR, VBR		
	Recoding Interval	Pre-record: 10sec. Post-record: 30 sec.		
Playback	channel	4ch	8ch	4ch SDI /12ch 960H
	Search Mode	Time, Date, Record Mode, Smart Search,Quick Playback,Snapshot Picture Search		
	Privacy Masking	4 Zones Maximum, On DVR and PC		
Network	Web	WEB(IE, Chrome, Firefox, Safari)		
	CMS	✓		
	Mobile	IPhone, Andorid, Ipad		
	Email	Pre-test and auto upload to Gmail, Yahoo, Hotmail / support snapshot		
Backup		USB Disk/ USB HDD/ USB CD&DVD-RW / eSATA Device / Internal SATA burner(Optinal)/ Network Download		
HDD		12 SATA ports(12 HDDs or 8 HDDs + 1 CD/DVD-RW),Max 4TB each hard disk.3 eSATA		
IR extension		✓		
External Interface	Network Interface	1 RJ-45 10/100M/1000M adaptive Ethernet Interface		
	USB Interface	2 Interfaces(Mouse control & Backup)		
	Serial Interface	1 RS232, 1 RS485(FDX)		
General	Power supply	220±30% V,50±3% Hz / 110±20% V,60±3% Hz		
	Power Consumption	78W (Without HDD)	81W (Without HDD)	90W (Without HDD)
	Working temperature	-10°C~+55°C		

Economic NVR
AAW7900X3-LC series

Features:

- *Up to 2 Megapixels Resolution(1080P) Recording.*
- *Up to 8ch Synchronous playback*
- *Support Onvif 2.0*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support PPPOE and auto redial*
- *Support free DDNS with own server*
- *Support UPNP, NTP*
- *Support Email alarm function with linkage channels*
- *Support Iphone and Android app.*
- *Support preview/playback/download remotely by CMS, Web(Chrome, IE,firefox etc,Safari.)*

Rear Panel:



1.RS485 2.AUDIO 3.IR Extension
4.MIC 5.HDMI 6.VGA
7.NET 8.USB 9.12V DC
10.Switch 11.GND

Product Parameters:

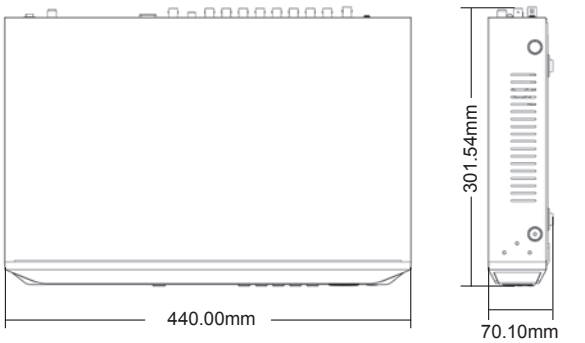
Series model	AAW79X3-LC series		
Model name	AAW7904X3-LC	AAW7908X3-LC	AAW7916X3-L
Housing	Mini 1U	Mini 1U	1.5U
Model description	4 ch economy	8 ch economy	16 ch economy
Network video input bandwith	20M	40M	80M
Network video input total number	4 ch	8 ch	16 ch
Record resolution	1080p/ UXGA/720p/ VGA/960H/D1	1080p/ UXGA/720p/ VGA/960H/D1	1080p/ UXGA/720p/ VGA/960H/D1
Housing	1U	1U	1.5U
Panel	with button	with button	with button
Preview channels	4	8	16
Playback	4*720P or 1*1080P	4*720P or 1*1080P	4*1080P
CVBS video output	1*BNC	1*BNC	1*BNC
Audio output	1*RCA	1*RCA	1*RCA
Intercom(3mm)	1	1	1
VGA(DB15)	1	1	1
HDMI	1	1	1
USB	2(Both in the back)	2(Both in the back)	2(Front and rear each one)
SATA	1 (Max 4TB)		2 (Max 4TB for each)
eSATA	N/A	N/A	N/A
SATA DVD burner	N/A	N/A	N/A
RAID	N/A	N/A	N/A
Ethernet RJ45	100M	100M	1000M
UPNP Ethernet interface	0	0	0
Alarm Input	0	0	0
Alarm Output	0	0	0
+12V Ouput (For alarm input)	0	0	0
RS232	0	0	0
RS485	1(half-duplex)	1(half-duplex)	1(half-duplex)
IR extension line	X	X	√
Power supply	12V 24W	12V 24W	12V 40W
Power switch	1	1	1
IR remote contoller	√	√	√
HB3.0	√	√	√
ONVIF	√	√	√
PSIA	X	X	X
GB28181	√	√	√

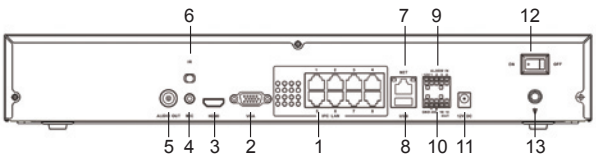
Economic 1080P NVR AAW7900X3 series

Features:

- *Up to 2 Megapixels Resolution(1080P) Recording.*
- *Up to 8ch Synchronous playback*
- *Support Onvif 2.0*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support PPPOE and auto redial*
- *Support free DDNS with own server*
- *Support UPNP, NTP*
- *Support Email alarm function with linkage channels*
- *Support iPhone and Android app.*
- *Support preview/playback/download remotely by CMS, Web(Chrome, IE,firefox etc,Safari.)*

Rear Panel:





1.IPC-Lan 2.VGA 3.HDMI
4.MIC 5.Audio Out 6.IR Extension
7.NET 8.USB 9.Alarm In
10.Alarm Out 11.12V DV 12.Switch
13.GND

Product Parameters:

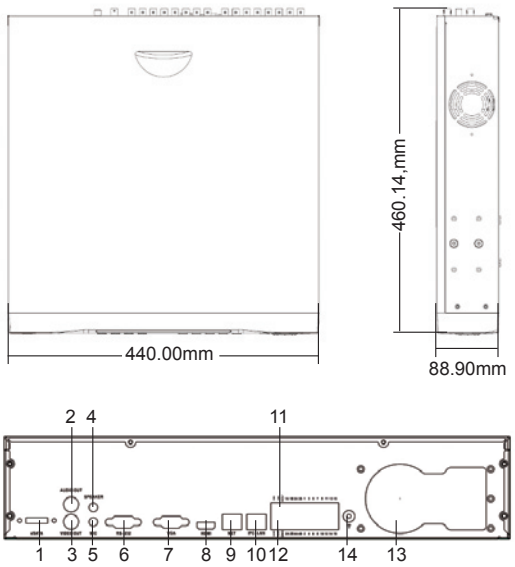
Series model	AAW79X3series		
Model name	AAW7904X3	AAW7908X3	AAW7916X3
Housing	1.5U	1.5U	1.5U
Model description	4 ch economy	8 ch economy	16 ch economy
Mainboard	4 layer board, mulit-ethernet interface with on board		
Network video input bandwith	20M	40M	80M
Network video input total number	4 ch	8 ch	16 ch
Record resolution	1080p/ UXGA/720p/ VGA/960H/D1	1080p/ UXGA/720p/ VGA/960H/D1	1080p/ UXGA/720p/ VGA/960H/D1
Housing	1.5U/408mm×440mm×66mm		
Panel	with button	with button	with button
Preview channels	4	8	16
Playback	4*720P or 1*1080P	4*720P or 1*1080P	4*1080P
CVBS video output	1*BNC	1*BNC	1*BNC
Audio output	1*RCA	1*RCA	1*RCA
Intercom(3mm)	1	1	1
VGA(DB15)	1	1	1
HDMI	1	1	1
USB	2(Front and rear each one)	2(Front and rear each one)	2(Front and rear each one)
SATA	2(Max 4TB for each)	2(Max 4TB for each)	2(Max 4TB for each)
eSATA	N/A	N/A	N/A
SATA DVD burner	N/A	N/A	N/A
RAID	N/A	N/A	N/A
Ethernet RJ45	1000M	1000M	1000M
UPNP Ethernet interface	4*100M	8*100M	8*100M
Alarm Input	4	4	4
Alarm Output	1	1	1
+12V Ouput (For alarm input)	1	1	1
RS232	0	0	0
RS485	1(half-duplex)	1(half-duplex)	1(half-duplex)
IR extension line	√	√	√
Power supply	12V 40W	12V 40W	12V 40W
Power switch	1	1	1
IR remote contoller	√	√	√
HB3.0	√	√	√
ONVIF	√	√	√
PSIA	X	X	X
GB28181	√	√	√

Professional NVR
AAW9900 series

Features:

- *Support 8/16/32CH input*
- *Support full channel 1080P recording*
- *Support up to 4channel 1080P realtime playback*
- *Support full channel audio input*
- *Support 8 SATA port, each up to 4TB*
- *Support Onvif 2.0*
- *Support search and backup video or picture by Time/Event inquiry*
- *Support PPPOE and auto redial*
- *Support free DDNS with own server*
- *Support Email alarm function with linkage channels*
- *Support Iphone and Android app.*
- *Support preview/playback/download remotely by CMS, Web (Chrome, IE,firefox etc)*

Rear Panel:



1.eSATA	2.Audio Out	3.Video out
4.Speaker	5.Mic	6.RS232
7.VGA	8.HDMI	9.Net
10.IPC-LAN	11.RS485	12.485R+/-
13.Power In	14.GND.	

Product Parameters:

Series model	AAW9900 Professional NVR		
Model name	AAW9908	AAW9916	AAW9932
Mainboard	4 layer board, single ethernet interface with on board		
Network video input bandwith	40M	80M	80M
Network video input total number	8 ch	16 ch	32 ch
Record resolution	1080p/ UXGA/720p/ VGA/960H/D1	1080p/ UXGA/720p/ VGA/960H/D1	1080p/ UXGA/720p/ VGA/960H/D1
Housing	2U		
Panel	Key base		
Preview channels	8 ch	16 ch	32 ch
Playback	4*1080P		
CVBS video output	1*BNC		
Audio output	1*BNC		
Intercom(3mm)	1		
VGA(DB15)	1		
HDMI	1		
USB	2 front		
SATA	8		
eSATA	√		
Ethernet RJ45	1000M * 2		
Alarm Input	16		
Alarm Output	4		
+12V Ouput (For alarm input)	1		
RS232	1		
RS485	1(half-duplex)		
Power supply	220V/270W		
IR remote contoller	√		

AAW771A-ARX
1.0 Mega pixels HD IR Bullet IP Camera

Features:

- *Image resolution up to 1 Mega pixels, using advanced H.264 video compression technology, SupportHD HD video encoding; Support Ultra-low-light capabilities*
- *Built-in motion detection, Video shielding, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *High quality array infrared lights, irradiation distance of 50 meters maximum*
- *Support dual filter automatic switching, true day and night surveillance equipment*
- *Provide SDK facilitates integration and secondary development*

Parameters:

Parameters \ Series		AAW771A-ARX			
Model		AAW771A-AR3	AAW771A-AR5	AAW771A-AR3-P	AAW771A-AR5-P
OnVif		Support	Support	Support	Support
Specification	Imaging Device	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS
	Effective Pixels	1280(H)×720(V)	1280(H)×720(V)	1280(H)×720(V)	1280(H)×720(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto	Auto	Auto
	Lens parameters	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional
	Day and night	ICR	ICR	ICR	ICR
	IR parameters	30m(LED Array)	50m(LED Array)	30m(LED Array)	50m(LED Array)
Video	Video Coding	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile
	Video Resolution	720P(1280×720)	720P(1280×720)	720P(1280×720)	720P(1280×720)
	Image resolution (dual-stream)	720p+D1	720p+D1	720p+D1	720p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps~4Mbps	32Kbps~4Mbps	32Kbps~4Mbps	32Kbps~4Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client			
Network	Network Protocol	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP
	Security	Password protection, multi-level user management			
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port			
	PoE	No	No	Support	Support
General	Power supply	DC12V ±10%	DC12V ±10%	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W	5W	5W
	Work Environment	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃

AAW871A
1.0 Mega pixels IR Conch IP Camera

Features:

- *Image resolution up to 1 Mega pixels, using advanced H.264 video compression technology, SupportHD HD video encoding; Support Ultra-low-light capabilities*
- *Built-in motion detection, Video shielding, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *High quality array infrared lights, irradiation distance of 20 meters maximum*
- *Support dual filter automatic switching, true day and night surveillance equipment*
- *Provide SDK facilitates integration and secondary development*

Parameters:

Parameters \ Series		AAW871A	
Model		AAW871A-AR	AAW871A-AR-P
OnVif		Support	Support
Specification	Imaging Device	1/4″ Line by line scanning CMOS	1/4″ Line by line scanning CMOS
	Effective Pixels	1280(H)×720(V)	1280(H)×720(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto
	Lens parameters	M12,Standard 6mm,3.6mm optional	M12,Standard 6mm,3.6mm optional
	Day and night	ICR	ICR
	IR parameters	20m(LED Array)	20m(LED Array)
Video	Video Coding	H.264 Main Profile	H.264 Main Profile
	Video Resolution	720P(1280×720)	720P(1280×720)
	Image resolution (dual-stream)	720p+D1	720p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps~4Mbps	32Kbps~4Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client	
Network	Network Protocol	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP, RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP, RTP/RTSP
	Security	Password protection, multi-level user management	
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port	
	PoE	No	Support
General	Power supply	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W
	Work Environment	-10℃ ~ +55℃	-10℃ ~ +55℃

AAW751W-ARX

1.3 Mega pixels HD WDR IR Bullet IP Camera

Features:

- *Image resolution up to 1.3 Mega pixels, using advanced H.264 video compression technology, support for HD video encoding; support wide dynamic function*
- *Built-in motion detection, Video shielding, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *High quality array infrared lights, irradiation distance of 50 m*
- *Maximum support dual filter automatic switching, true day and night surveillance equipment*
- *Provide SDK facilitates integration and secondary development*
- *IP66 waterproof design, high reliability*

Parameters:

Parameters \ Series		AAW751W-ARX			
Model		AAW751W-AR3	AAW751W-AR5	AAW751W-AR3-P	AAW751W-AR5-P
OnVif		Support	Support	Support	Support
Specification	Imaging Device	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS
	Effective Pixels	1280(H)×960(V)	1280(H)×960(V)	1280(H)×960(V)	1280(H)×960(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto	Auto	Auto
	Lens parameters	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional
	Day and night	ICR	ICR	ICR	ICR
	IR parameters	30m(LED Array)	50m(LED Array)	30m(LED Array)	50m(LED Array)
Video	Video Coding	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile
	Video Resolution	960P,1280×960,	960P,1280×960,	960P,1280×960,	960P,1280×960,
	Image resolution (dual-stream)	960p+D1	960p+D1	960p+D1	960p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps,4Mbps	32Kbps,4Mbps	32Kbps,4Mbps	32Kbps,4Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client			
	Ultra-illumination effect	No	No	No	No
	WDR	Support,≥80dB,	Support,≥80dB,	Support,≥80dB,	Support,≥80dB,
Audio	Audio Coding	G.711	G.711	G.711	G.711
	Audio output rate	64Kbps	64Kbps	64Kbps	64Kbps
Network	Network Protocol	RTP/RTSP,TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP
	Security	Password protection, multi-level user management		Password protection, multi-level user management	
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port			
	Audio / intercom input	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom
	Audio Output	1ch Line Output	1ch Line Output	1ch Line Output	1ch Line Output
	Analog video output	1 BNC analog video output	1 BNC analog video output	1 BNC analog video output	1 BNC analog video output
	Alarm Input	1 ch switch input	1 ch switch input	1 ch switch input	1 ch switch input
	Alarm Output	No.1 ch switch output	No.1 ch switch output	No.1 ch switch output	No.1 ch switch output
	Memory interfaces	Built-in TF card and eMMC card (optional)		Built-in TF card and eMMC card (optional)	
	PoE	No	No	Support	Support
General	Power supply	DC12V ±10%	DC12V ±10%	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W	5W	5W
	Work Environment	-10℃~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃~ +55℃

AAW771S-ARX
1.3 Mega pixels HD IR Low Illumination Bullet IP Camera

Features:

- *Image resolution up to 1.3 Mega pixels, using advanced H.264 video compression technology, SupportHD HD video encoding; Support Ultra-low-light capabilities*
- *Built-in motion detection, Video shielding, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *High quality array infrared lights, irradiation distance of 50 meters maximum*
- *Support dual filter automatic switching, true day and night surveillance equipment*
- *Provide SDK facilitates integration and secondary development*

Parameters:

Parameters \ Series		AAW771S-ARX			
Model		AAW771S-AR3	AAW771S-AR5	AAW771S-AR3-P	AAW771S-AR5-P
OnVif		Support	Support	Support	Support
Specification	Imaging Device	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS
	Effective Pixels	1280(H)×960(V)	1280(H)×960(V)	1280(H)×960(V)	1280(H)×960(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto	Auto	Auto
	Lens parameters	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional
	Day and night	ICR	ICR	ICR	ICR
	IR parameters	30m(LED Array)	50m(LED Array)	30m(LED Array)	50m(LED Array)
Video	Video Coding	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile
	Video Resolution	960P(1280×960)	960P(1280×960)	960P(1280×960)	960P(1280×960)
	Image resolution (dual-stream)	960p+D1	960p+D1	960p+D1	960p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps~4Mbps	32Kbps~4Mbps	32Kbps~4Mbps	32Kbps~4Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client			
	Ultra-illumination effect	Support	Support	Support	Support
Network	Network Protocol	RTP/RTSP,TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP
	Security	Password protection, multi-level user management			
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port			
	PoE	No	No	Support	Support
General	Power supply	DC12V ±10%	DC12V ±10%	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W	5W	5W
	Work Environment	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃

AAW851W

1.3 Mega pixels HD WDR Conch IP Camera

Features:

- *image resolution up to 1.3 Mega pixels, using advanced H.264 video compression technology, SupportHD HD video encoding; Support WDR function*
- *Built-in motion detection, video blind, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *Support dual-filter auto switch for true day and night surveillance*
- *Provide SDK for easy for device integration and secondary development*
- *IP66 waterproof design, high reliability*

Parameters:

Parameters \ Series		AAW851W		
Model		AAW851W-IR	AAW851W-IR-P	AAW851W-IR-W
OnVif		Support	Support	Support
Specification	Imaging Device	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS
	Effective Pixels	1280(H)×960(V)	1280(H)×960(V)	1280(H)×960(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto	Auto
	Lens parameters	M12,Standard 6mm,3.6mm optional	M12,Standard 6mm,3.6mm optional	M12,Standard 6mm,3.6mm optional
	Day and night	ICR	ICR	ICR
Video	Video Coding	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile
	Video Resolution	960P(1280×960)	960P(1280×960)	960P(1280×960)
	Image resolution (dual-stream)	960p+D1	960p+D1	960p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps~4Mbps	32Kbps~4Mbps	32Kbps~4Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client		
	WDR	Support(≥80dB)	Support(≥80dB)	Support(≥80dB)
Audio	Audio Coding	G.711	G.711	G.711
	Audio output rate	64Kbps	64Kbps	64Kbps
Network	Network Protocol	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP
	Security	Password protection, multi-level user management		
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port		
	Audio / intercom input	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom
	Audio Output	1ch Line Output	1ch Line Output	1ch Line Output
	Analog video output	1 BNC analog video output	1 BNC analog video output	1 BNC analog video output
	Alarm Input	1 ch switch input	1 ch switch input	1 ch switch input
	Alarm Output	No.1 ch switch output	No.1 ch switch output	No.1 ch switch output
	Memory interfaces	Built-in TF card and eMMC card (optional)		
	Wifi	No	No	Support
	PoE	No	Support	No
General	Power supply	DC12V ±10%	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W	5W
	Work Environment	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃

AAW871S-AR
1.3 Mega pixels HD IR Low illumination Conch IP Camera

Features:

- *Image resolution up to 1.3 Mega pixels, using advanced H.264 video compression technology, support for HD video encoding; support wide dynamic function*
- *Built-in motion detection, Video shielding, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *High quality array infrared lights, irradiation distance of 20 m*
- *Maximum support dual filter automatic switching, true day and night surveillance equipment*
- *Provide SDK facilitates integration and secondary development*
- *IP66 waterproof design, high reliability*

Parameters:

Parameters \ Series		AAW871S-AR		
Model		AAW871S-AR	AAW871S-AR-P	AAW871S-AR-W
Description		1.3 Mega pixels HD IR Low illumination Dome IP Camera	1.3 Mega pixels HD POE IR Low illumination Dome IP Camera	1.3 Mega pixels HD WIFI IR Low illumination Dome IP Camera
OnVif		Support	Support	Support
Specification	Imaging Device	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS
	Effective Pixels	1280(H)×960(V)	1280(H)×960(V)	1280(H)×960(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto	Auto
	Lens parameters	M12,Standard 3.6mm,6mm optional	M12,Standard 3.6mm,6mm optional	M12,Standard 3.6mm,6mm optional
	Day and night	ICR	ICR	ICR
	IR parameters	20m(LED Array)	20m(LED Array)	20m(LED Array)
Video	Video Coding	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile
	Video Resolution	960P(1280×960)	960P(1280×960)	960P(1280×960)
	Image resolution (dual-stream)	960p+D1	960p+D1	960p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps~4Mbps	32Kbps~4Mbps	32Kbps~4Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client		
	Ultra-illumination effect	Support	Support	Support
Network	Network Protocol	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP
	Security	Password protection, multi-level user management		
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port		
	Wifi	No	No	Support
	PoE	No	Support	No
General	Power supply	DC12V ±10%	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W	5W
	Work Environment	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃

AAW772S-ARX

2.0 Mega pixels HD IR Low illumination Bullet IP Camera

Features:

- *Image resolution up to 2.0 Mega pixels, using advanced H.264 video compression technology, support for HD video encoding; support wide dynamic function*
- *Built-in motion detection, Video shielding, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *High quality array infrared lights, irradiation distance of 50 m*
- *Maximum support dual filter automatic switching, true day and night surveillance equipment*
- *Provide SDK facilitates integration and secondary development*
- *IP66 waterproof design, high reliability*

Parameters:

Parameters \ Series		AAW772S-ARX			
Model		AAW772S-AR3	AAW772S-AR5	AAW772S-AR3-P	AAW772S-AR5-P
OnVif		Support	Support	Support	Support
Description		2.0 Mega pixels HD IR Low illumination Bullet IP Camera	2.0 Mega pixels HD IR Low illumination Bullet IP Camera	2.0 Mega pixels HD POE Low illumination Bullet IP Camera	2.0 Mega pixels HD POE IR Low illumination Bullet IP Camera
Specification	Imaging Device	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS	1/3″ Line by line scanning CMOS
	Effective Pixels	1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto	Auto	Auto
	Lens parameters	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional	M12,Standard 6mm,3.6mm optional	M12,Standard 8mm,12mm optional
	Day and night	ICR	ICR	ICR	ICR
	IR parameters	30m(LED Array)	50m(LED Array)	30m(LED Array)	50m(LED Array)
Video	Video Coding	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile	H.264 Main Profile
	Video Resolution	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)	1080P(1920×1080)
	Image resolution (dual-stream)	1080p+D1	1080p+D1	1080p+D1	1080p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps~8Mbps	32Kbps~8Mbps	32Kbps~8Mbps	32Kbps~8Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client			
	Ultra-illumination effect	Support	Support	Support	Support
Audio	Audio Coding	G.711	G.711	G.711	G.711
	Audio output rate	64Kbps	64Kbps	64Kbps	64Kbps
Network	Network Protocol	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/RTSP
	Security	Password protection, multi-level user management			
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port			
	Audio / intercom input	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom	1ch Audio In,Support Intercom
	Audio Output	1ch Line Output	1ch Line Output	1ch Line Output	1ch Line Output
	Analog video output	1 BNC analog video output	1 BNC analog video output	1 BNC analog video output	1 BNC analog video output
	Alarm Input	1 ch switch input	1 ch switch input	1 ch switch input	1 ch switch input
	Alarm Output	No.1 ch switch output	No.1 ch switch output	No.1 ch switch output	No.1 ch switch output
	Memory interfaces	Built-in TF card and eMMC card (optional)			
	PoE	No	No	Support	Support
General	Power supply	DC12V ±10%	DC12V ±10%	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W	5W	5W
	Work Environment	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃

AAW872S-AR
2.0 Mega HD IR Low illumination Conch IP Camera

Features:

- *Image resolution up to 2.0 Mega pixels, using advanced H.264 video compression technology, support for HD video encoding; support wide dynamic function*
- *Built-in motion detection, Video shielding, automatic networking, alarm network transmission and other functions*
- *Support dual-stream*
- *High quality array infrared lights, irradiation distance of 20 m*
- *Maximum support dual filter automatic switching, true day and night surveillance equipment*
- *Provide SDK facilitates integration and secondary development*
- *IP66 waterproof design, high reliability*

Parameters:

Parameters \ Series		AAW872S-AR	
Model		AAW872S-AR	AAW872S-AR-P
OnVif		Support	Support
Description		2.0 Mega pixels HD IR Low illumination Dome IP Camera	2.0 Mega pixels HD POE IR Low illumination Dome IP Camera
Specification	Imaging Device	1/2.8″ Line by line scanning CMOS	1/2.8″ Line by line scanning CMOS
	Effective Pixels	1920(H) x 1080(V)	1920(H) x 1080(V)
	Minimum illumination	Color 0.05Lux, black and white 0 Lux	Color 0.05Lux, black and white 0 Lux
	SNR	>50dB	>50dB
	Gain Control	Auto / Manual (0dB ~ +36 dB)	Auto / Manual (0dB ~ +36 dB)
	White Balance	Auto	Auto
	Electronic Shutter	Auto / Manual(1/25s ~ 1/8000s)	Auto / Manual(1/25s ~ 1/8000s)
	Exposure Control	Auto	Auto
	Lens parameters	M12,Standard 3.66mm,6mm optional	M12,Standard 3.66mm,6mm optional
	Day and night	ICR	ICR
	IR parameters	20m(LED Array)	20m(LED Array)
Video	Video Coding	H.264 Main Profile	H.264 Main Profile
	Video Resolution	1080P(1920×1080)	1080P(1920×1080)
	Image resolution (dual-stream)	1080p+D1	1080p+D1
	Maximum frame rate	50Hz: 25f/s, 60Hz: 30f/s	50Hz: 25f/s, 60Hz: 30f/s
	Output rate	32Kbps~8Mbps	32Kbps~8Mbps
	Image parameter settings	Brightness, color, contrast, saturation can be adjusted through IE browser Client	
	Ultra-illumination effect	Support	Support
Audio	Audio Coding	G.711	G.711
	Audio output rate	64Kbps	64Kbps
Network	Network Protocol	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP, RTP/RTSP	TCP/IP,HTTP,DHCP,DNS,NTP,SNMP,DDNS,SMTP,RTP/ RTSP
	Security	Password protection, multi-level user management	
Interface	Network Interface	1 RJ45, 10M/100M adaptive Ethernet port	
	Audio / intercom input	1ch Audio In,Support Intercom	
	Audio Output	1ch Line Output	
	Analog video output	1 BNC analog video output	
	Alarm Input	1 ch switch input	
	Alarm Output	No.1 ch switch output	
	Memory interfaces	Built-in TF card and eMMC card (optional)	
	PoE	No	Support
General	Power supply	DC12V ±10%	DC12V ±10%
	Power Consumption	5W	5W
	Work Environment	-10℃ ~ +55℃	-10℃ ~ +55℃

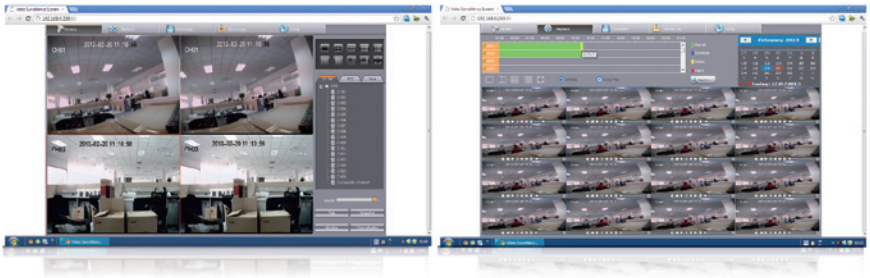
Software System

3G Applications

1.A variety of mobile terminal　2.8CH preview & 1 CH playback　3.VOD

Browser

1.IE/Safari/Firefox/Chrome　2.1/4/6/8/9/16/25/36/42 CH display　3.Fully configuration DVR function



DVR Client

1.Support all HB products(DVR/NVR/IPC)　2.Friendly operation interface　3.TV Wall

CMS

1.UP to 800CH for free　2.Device and cameras status notifications　3.Concentrated storage&management

Partial Application

Transportation Industry

Capital Airport

Beijing West Railway Station

Public Place

Zimbabwe gymnasium

Financial Centre

China ABC Bank

Education Industry

Beijing University

Sea-crossing Bridge

Argentina Bank

Yildiz Soray Istanbul Museum

www.auini.com

AAW International Pty Ltd

Address: 307 Grimshaw St, Watsonia, VIC3087, Australia

Telephone: +61 420 519 918

Website: www.auini.com

Email: info@auini.com